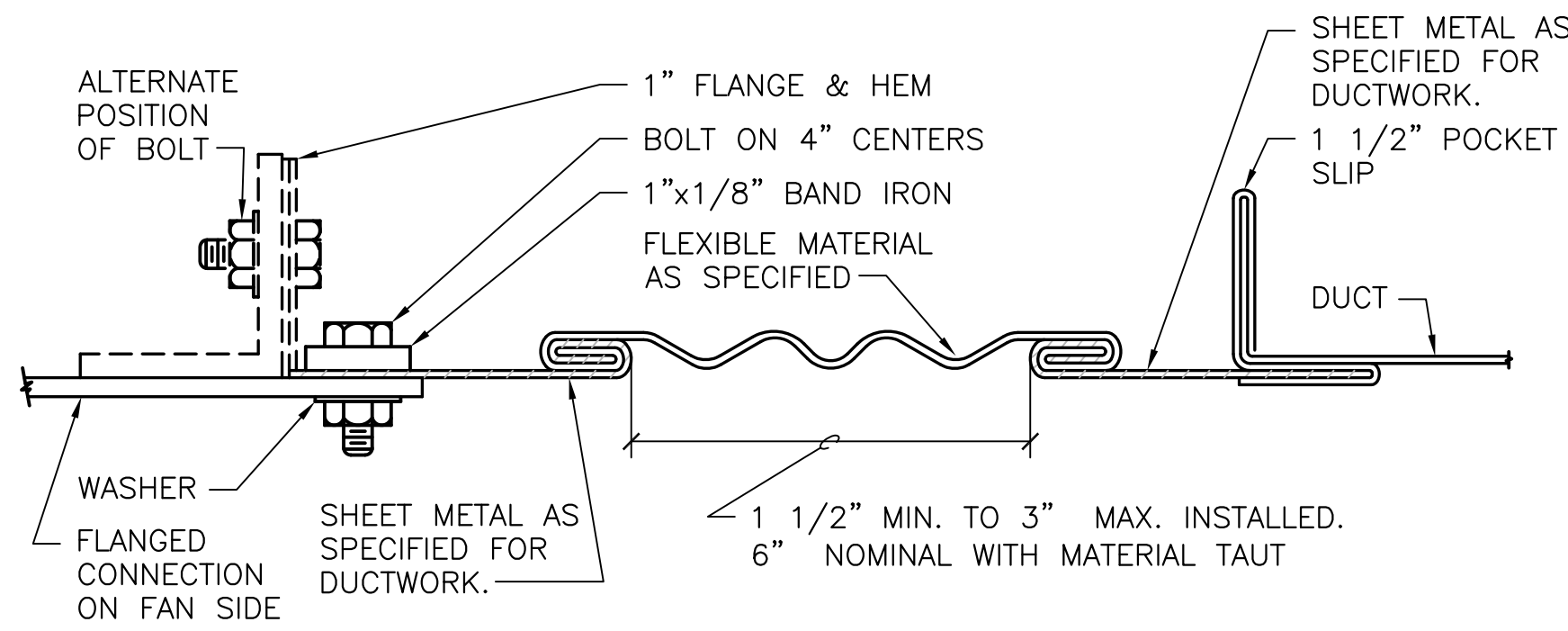
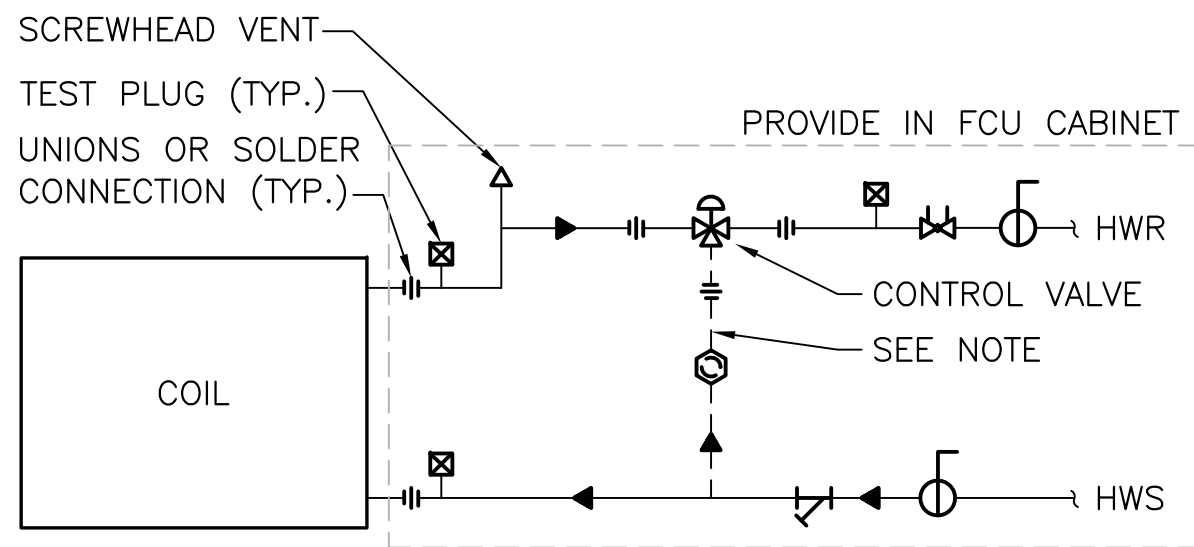
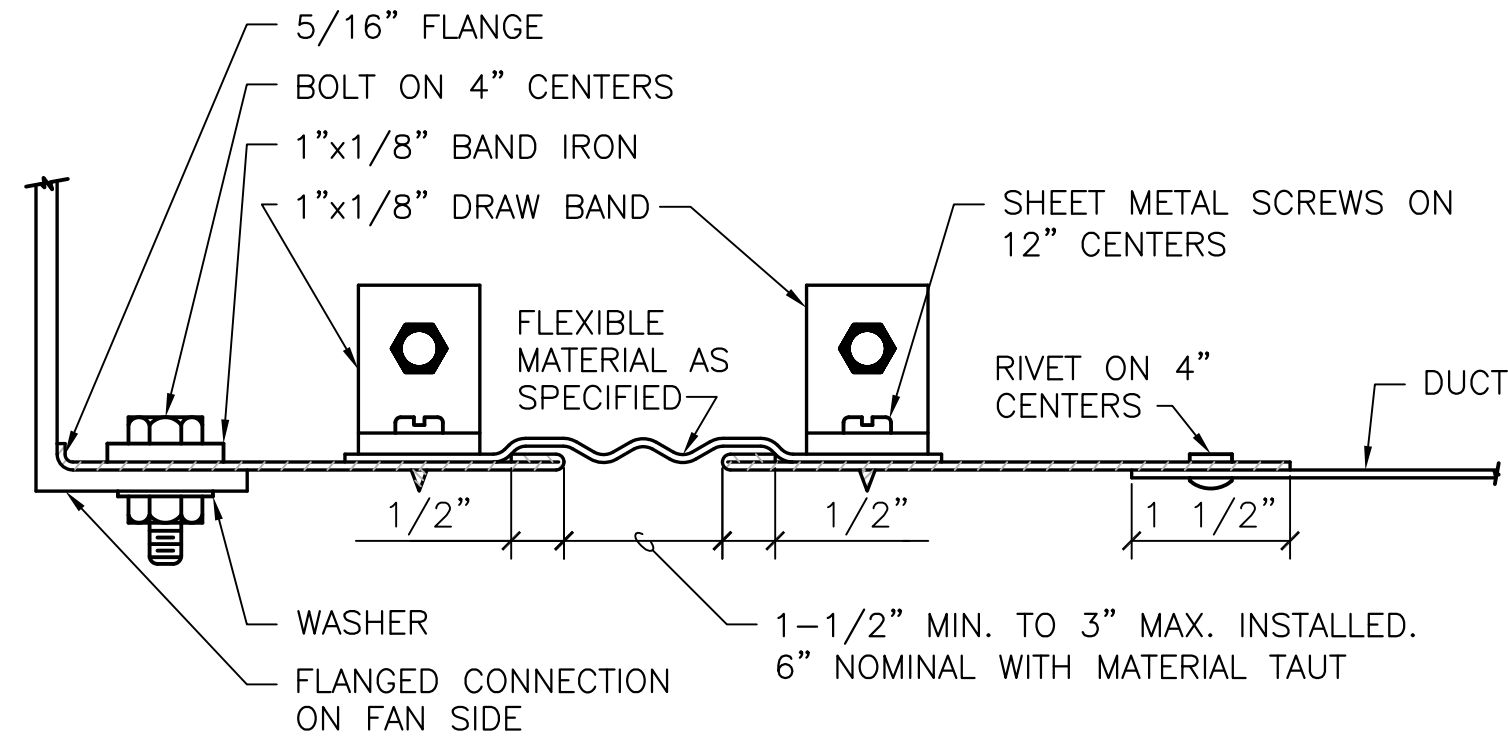


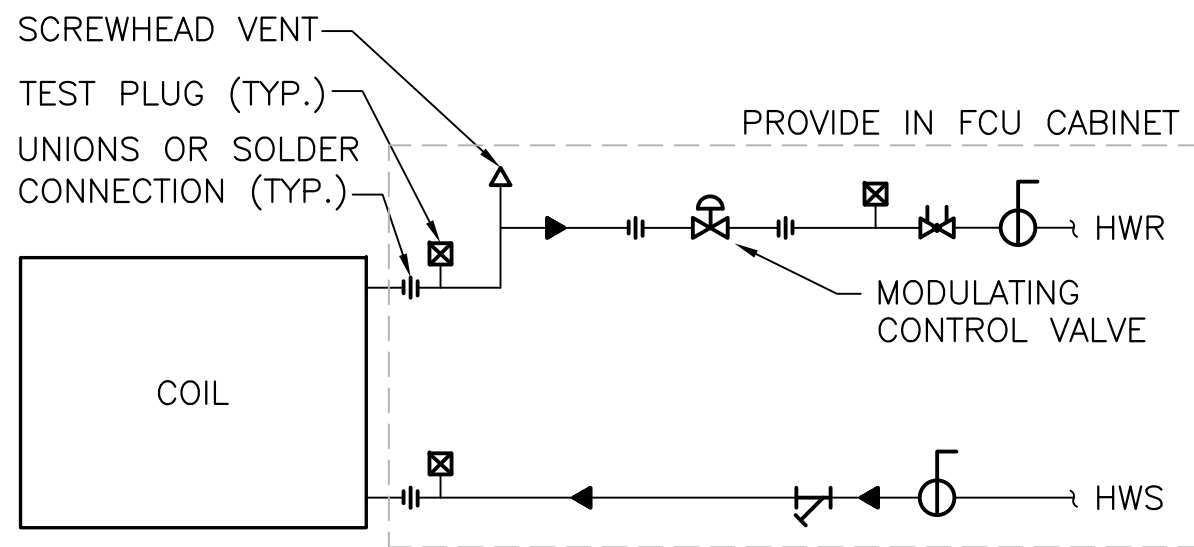
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



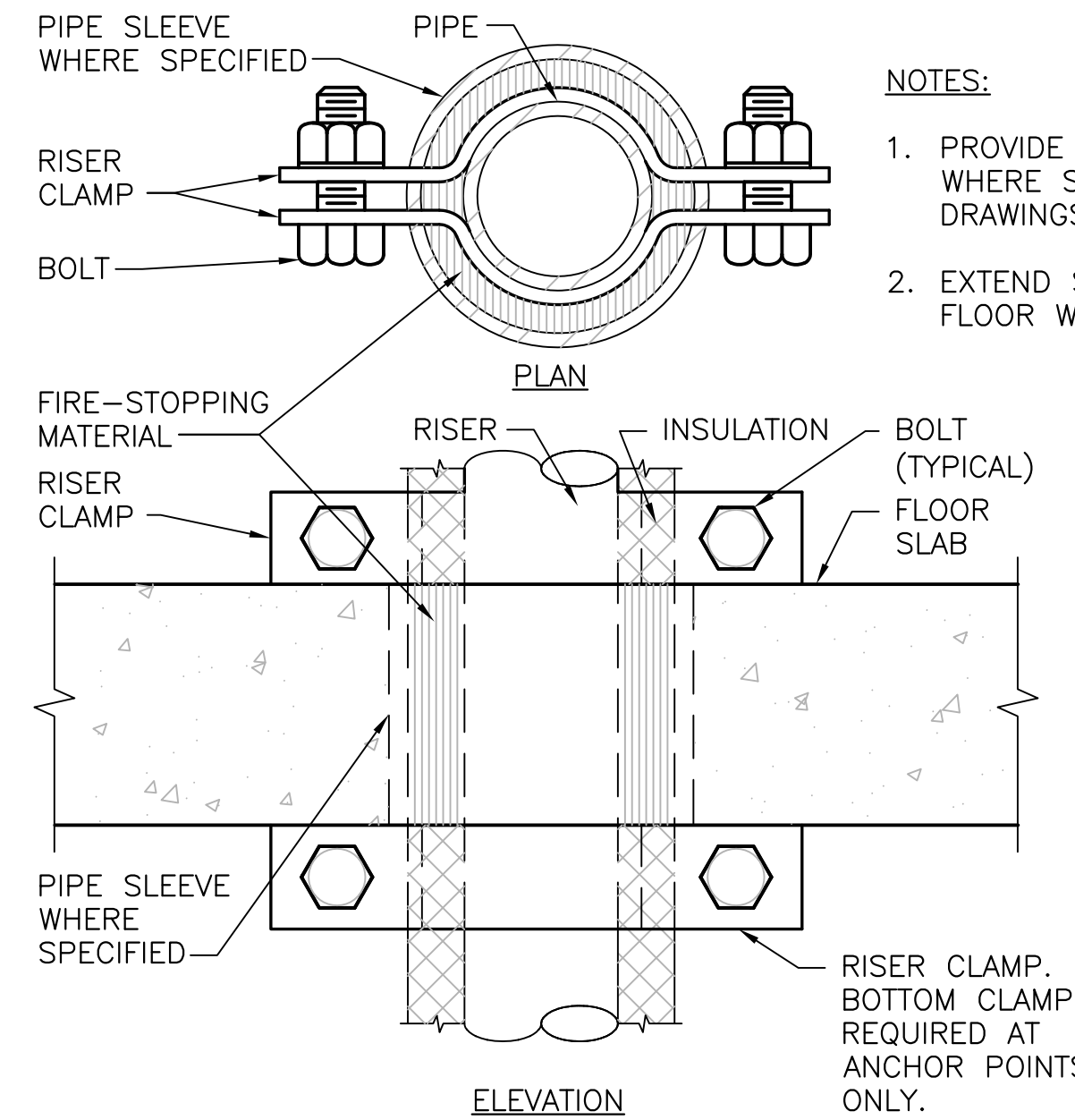
1 FLEXIBLE CONNECTION DETAILS  
NO SCALE



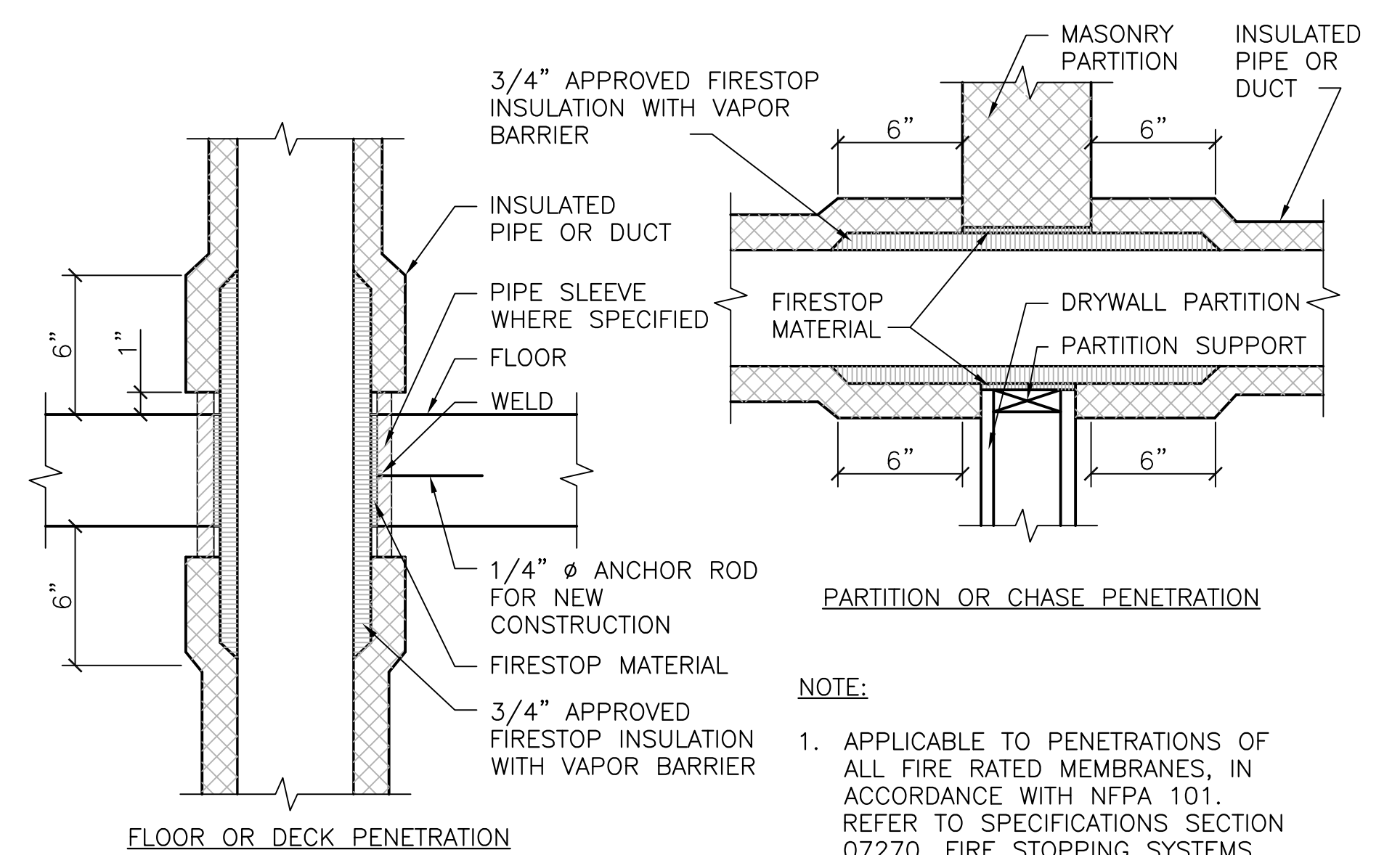
2 TYPICAL CHILLED WATER COIL CONNECTION (FCU)  
NO SCALE



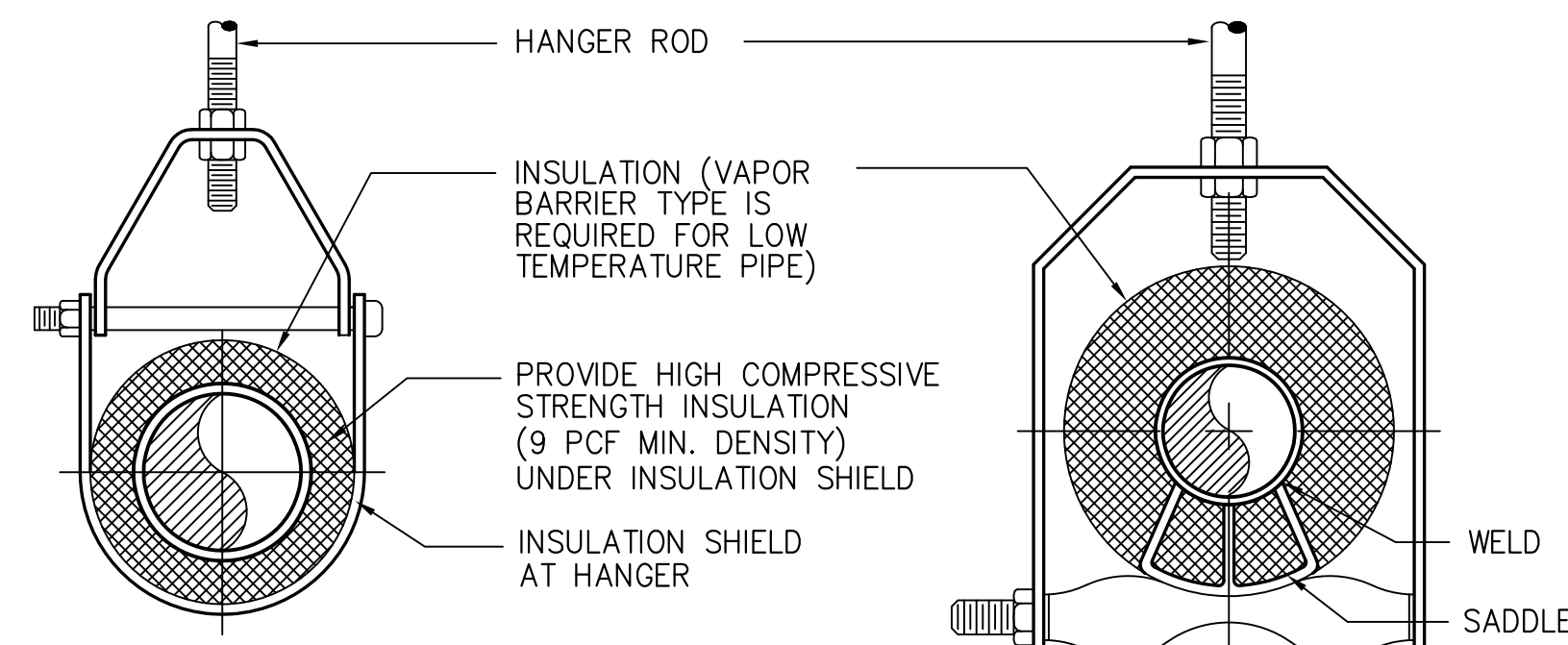
3 TYPICAL HOT WATER COIL CONNECTION (FCU)  
NO SCALE



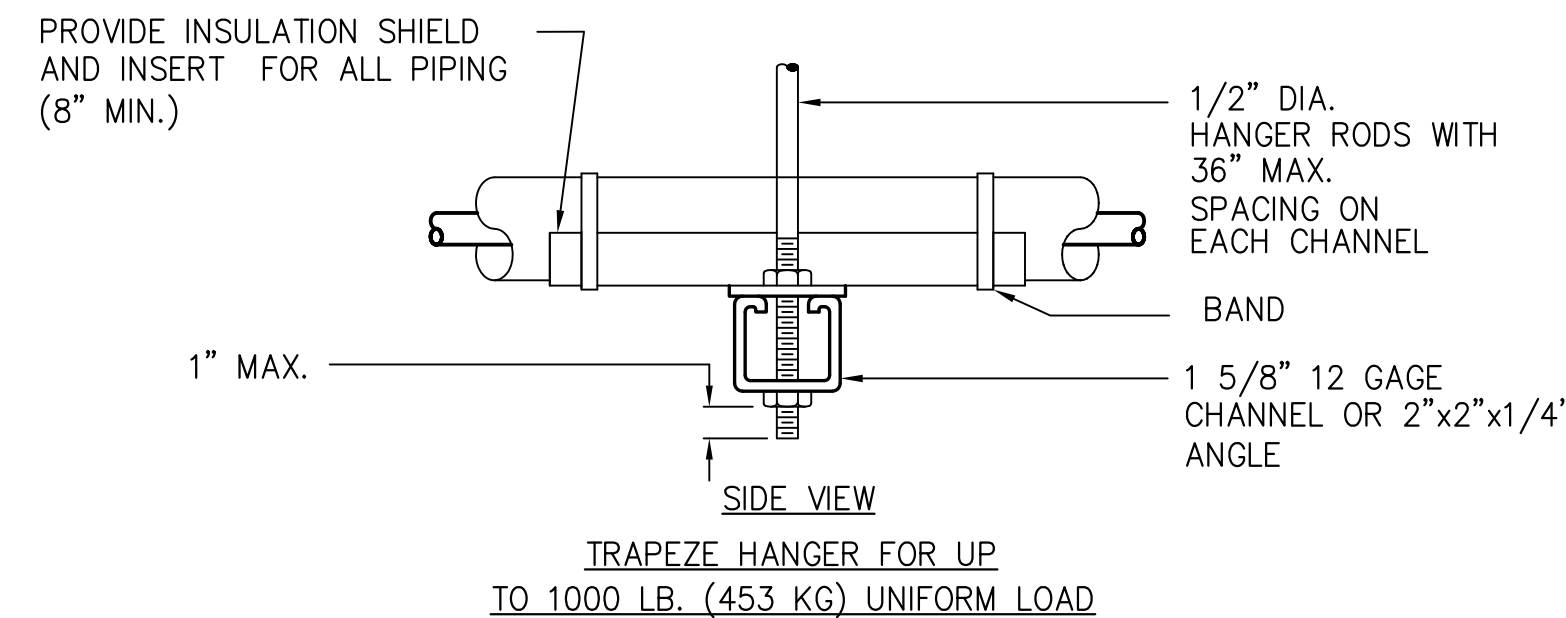
4 FLEXIBLE CONNECTION DETAILS  
NO SCALE



5 PENETRATION OF FIRE/SMOKE BARRIERS  
NO SCALE



ADJUSTABLE CLEVIS HANGER  
TYPE 1 - SEE SPECIFICATIONS  
ADJUSTABLE CLEVIS HANGER  
TYPE 43 - SEE SPECIFICATIONS

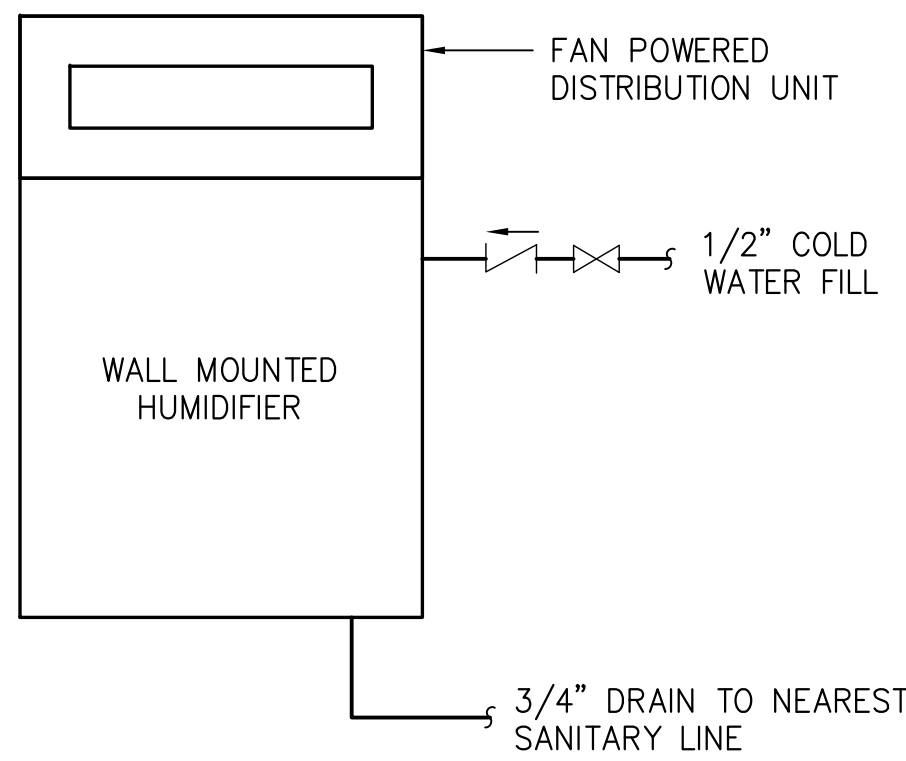


6 TYPICAL PIPE HANGERS  
NO SCALE

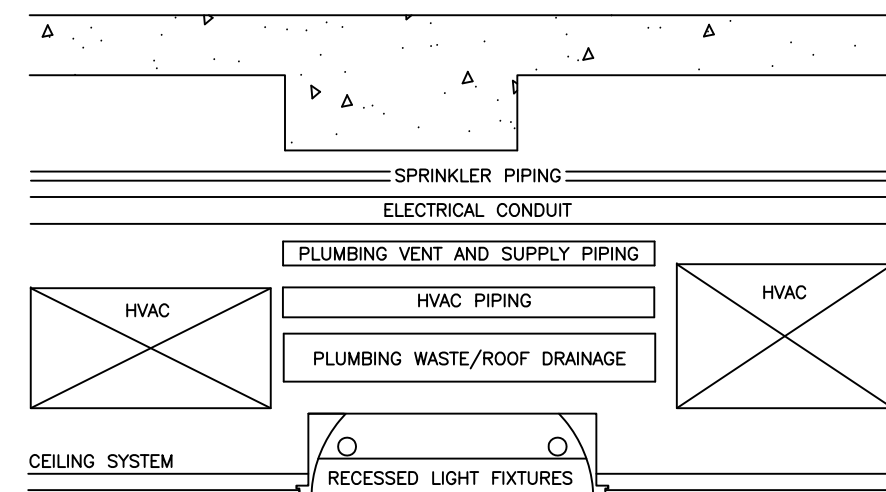
MAXIMUM PIPE/TUBING SUPPORT SPACING											
NOM. SIZE IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8
PIPE FT.	7	7	7	9	10	11	12	14	16	17	19
TUBING FT.	5	6	7	8	8	9	10	12	13	14	16

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.

7 CLEAN ROOM HUMIDIFIER INSTALLATION  
NO SCALE



NOTE:  
INSTALL IN A LOCATION THAT PROVIDES SUFFICIENT CLEARANCE  
TO VALVES AND CABINET FOR MAINTENANCE.



FULLY SPRINKLERED  
FOR CONSTRUCTION

Revisions:	Date	KEY PLAN:	STAMP:	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title MECHANICAL DETAILS	Project Title RENOVATE INPATIENT MEDICAL/SURGICAL WARD 7E	Project Number R636A8-10-001 Building Number 1	Office of Construction and Facilities Management
				NIKA Technologies, Inc. Engineering and Management Consultants 11400 Rockville Pike, Ste 505 N. Bethesda, MD 20852 p: 301.770.3520 f: 301.770.3521 www.nikatechnologies.com	Plunkett Raysich architects 11000 West Park Place • Milwaukee WI 53224 • Tel 414 359-3080 • Fax 414 359-3070 Intelligent Designs Inspired Results www.prarch.com	Approved: Project Director	Location Iowa City VA Medical Center	Drawing Number 1-H4 Dwg. 18 of 44	Department of Veterans Affairs